

SPECIFICATIONS

Electrical Ratings	50mA @ 48VDC
Electrical Life	100,000 cycles typical
Contact Resistance	< 50 mΩ initial
Actuation Force	180+/- 50gF
Actuator Travel	.30 +/- .15mm
Dielectric Strength	1000Vrms min
Insulation Resistance	> 100MΩ min
Operating Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C



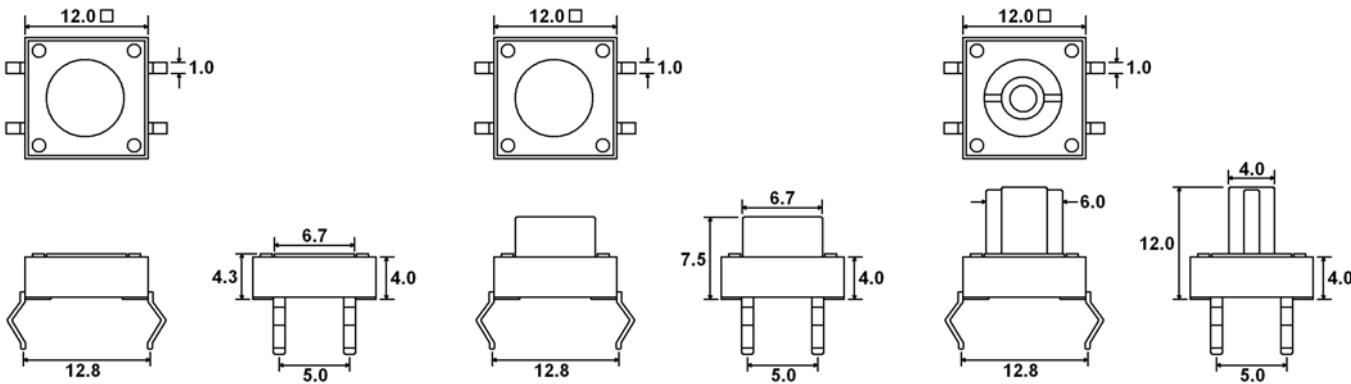
MATERIALS ←RoHS COMPLIANT

Actuator	6/6 Nylon
Housing	6/6 Nylon
Cover	Polyester
Contacts	Phosphor Bronze, Silver Plated
Terminals	Brass, Silver Plated

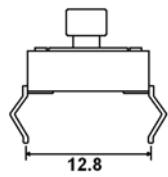
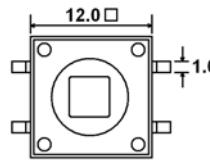
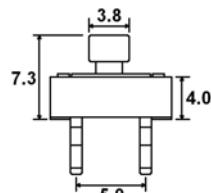
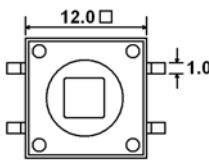
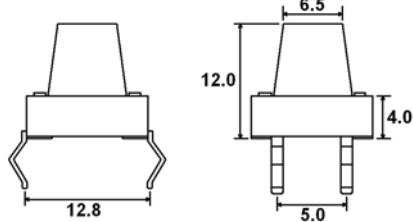
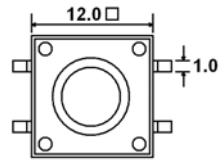
ORDERING INFORMATION

1. Series:	CT1103	G	F180	C141
2. Actuator Options:				
A				
B				
C				
T				
G				
E				
3. Actuation Force:				
F180 = 180gF				
4. Caps:				
Blank = No Cap	C16	C22	Cap Colors:	
C11	C17	C24	**See Cap Options for color availability	
C12	C18	C25	** Caps available with G actuator only	
C13	C19			
C14	C20			
C15	C21			

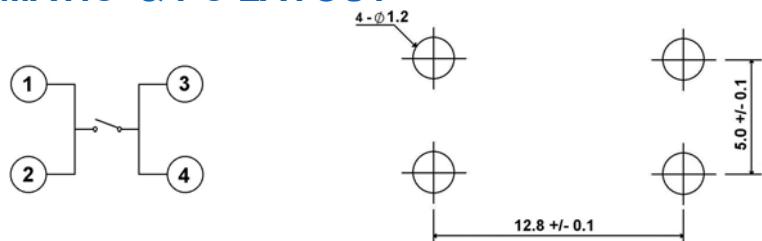
DIMENSIONS


CT1103A
CT1103B
CT1103C

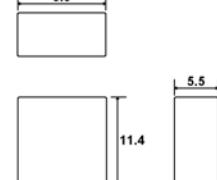
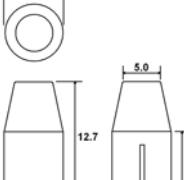
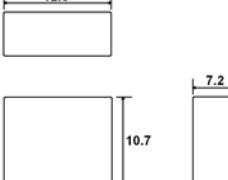
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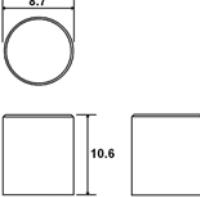
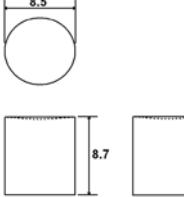
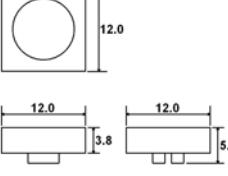

CT1103T

CT1103G

CT1103E

SCHEMATIC & PC LAYOUT

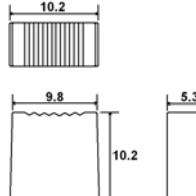


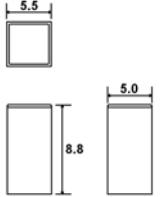
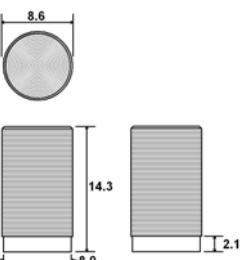
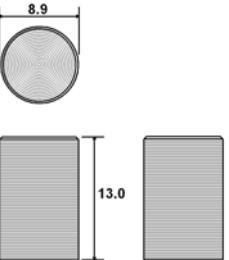
CAP OPTIONS ←FOR G ACTUATOR

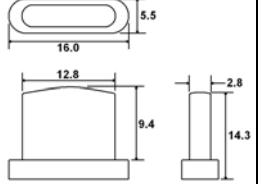
					
C11 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors	C12 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors	C13 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors			

					
C14 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors	C15 2 = Black, 0 = Clear Contact Factory for other available colors	C16 1 = White, 2 = Black, 3 = Red, 7 = Blue Contact Factory for other available colors			

CAP OPTIONS ←FOR G ACTUATOR

	 9.8 10.8		 12.5 12.8 8.0 2.0		 10.2 9.8 10.2 5.3
C17 2 = Black, 0 = Clear Contact Factory for other available colors		C18 1 = White, 2 = Black, 9 = Light Gray Contact Factory for other available colors		C19 1 = White, 2 = Black, 3 = Red, 8 = Dark Gray Contact Factory for other available colors	

	 5.5 8.8 5.0		 8.6 14.3 8.0 2.1		 8.9 13.0
C22 2 = Black, 8 = Dark Gray, 9 = Light Gray Contact Factory for other available colors		C23 0 = Metallic Contact Factory for other available colors		C24 0 = Metallic Contact Factory for other available colors	

	 16.0 12.8 9.4 14.3 2.8
C25 2 = Black, 8 = Dark Gray, 9 = Light Gray Contact Factory for other available colors	